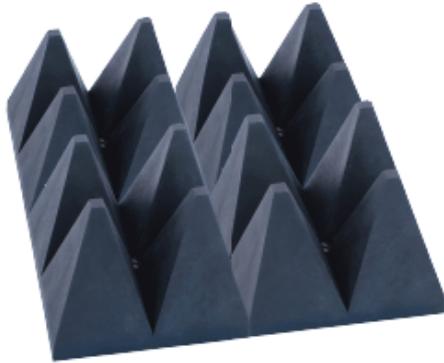


Wide-band Hybrid pyramid EM absorbers



Wide-band hybrid pyramid em absorbers 3630

For the construction of a small anechoic chamber to get a larger space than one could build with pyramid-shaped absorbers. Performs very well in wide band (30 MHz to 18 GHz)

The 3630 series Wide-band hybrid pyramid EM absorber and is available in 2 sizes. It shows good absorption performance in the wide band between 30 MHz and 18 GHz when combined with 6.3 mm thick Ferrite absorber tiles (Part nr. 3600-63). The hybrid pyramid absorber is made out of a carbon-loaded polystyrene and is tuned for perfect performance over Ferrite absorber tiles.

Due to this special characteristic, the product is suitable for building a small anechoic chamber to get a bigger space than built with foam pyramidal absorber. Also, it can increase the frequency from 1 GHz to 18 GHz as compared to a standard anechoic chamber that only has Ferrite absorber tiles.

structure & specifications

Color	Dark gray
Shape	Pyramid
Main material	Ferrite powder
Power handling capacity	1.8 kW/m ²
Max service temperature (°C)	150
Fire retardance	Non-flammable

Part numbers and dimensions

Part number	Pyramid quantity per unit	Unit size (L x W x H in mm)	Standard weight (kg/m ²)	Type
3630-200-80	16	200 x 200 x 80	2.11	Single unit
3630-200-250	4	200 x 200 x 250	3.24	

Features

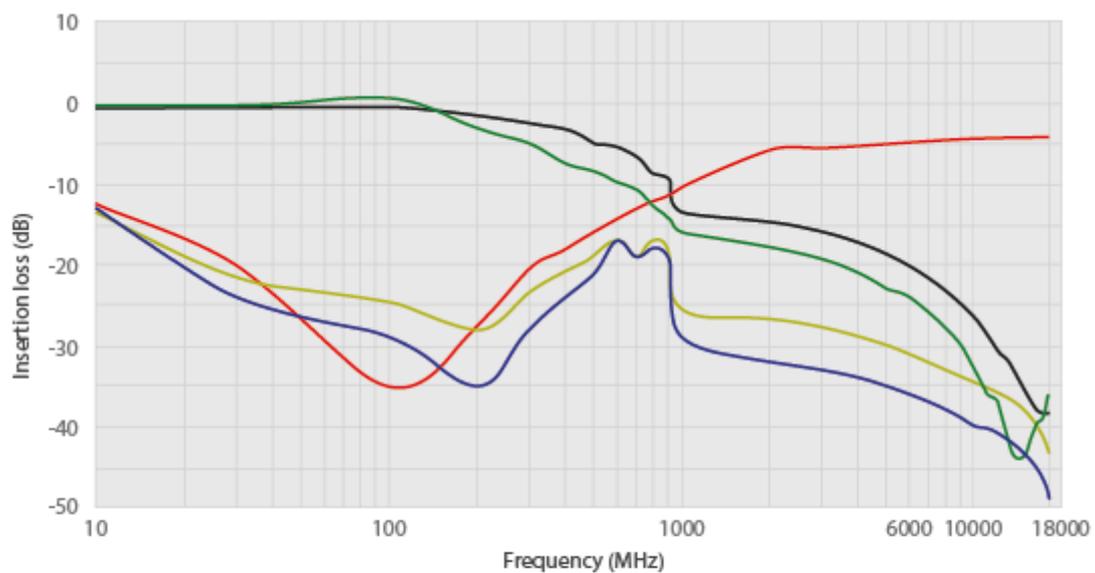
- Performs very well in wide band (30MHz to 18GHz)
- So strong that an adult can stand on it
- Does not deteriorate even if it gets wet
- 10 times more durable than conventional products
- Easy to install on wall surfaces without adhesives being required
- Outstanding impedance matching with ferrite tiles
- REACH & RoHS compliant
- Non-flammable
- Suitable for high power testing

Wide-band Hybrid pyramid EM absorbers

Applications

- Electromagnetic-wave anechoic chambers
- Compact EM-wave anechoic chambers
- Floor-type electromagnetic-wave absorbers
- Installation on shielded doors
- Suitable for EMS high-power irradiation test
- Suitable for small anechoic chamber (approximately 3 meters)
- Anechoic chambers for antenna
- For actual use in various GHz bandwidth

Performance characteristics



- 3600 - ferrite tile
- 3630-80 - hybrid pyramid absorber
- 3630-250 - hybrid pyramid absorber
- 3600 - ferrite tile + 3630-80 - hybrid pyramid absorber
- 3600 - ferrite tile + 3630-250 - hybrid pyramid absorber